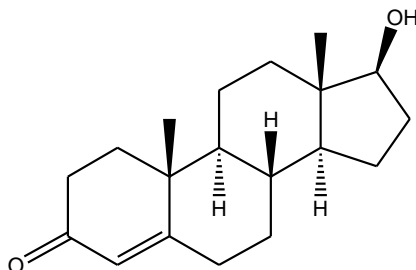


Testosterone

Cat # NB-48-0897



Product Information

Batch No.:	0053BG/01
Chemical Name:	17 β -Hydroxyandrost-4-en-3-one
Batch Molecular Formula:	C ₁₉ H ₂₈ O ₂
Batch Molecular Weight:	288.42
CAS No.:	[58-22-0]
Physical Appearance:	White or almost white powder
Melting Point:	153 - 155° C
Storage:	RT

Solvent and solubility

Soluble in methanol, insoluble in water

Biological activity

Is secreted by the testis and is converted to Dihydrotestosterone in the target tissue. Androgens direct the development of the male phenotype during embryogenesis and at puberty.

(DEA controlled Schedule III; Home Office Schedule 4.2 and CDSA import permit needed).

References

1. Mainwaring (1977) Monogr Endocrinol 10:1

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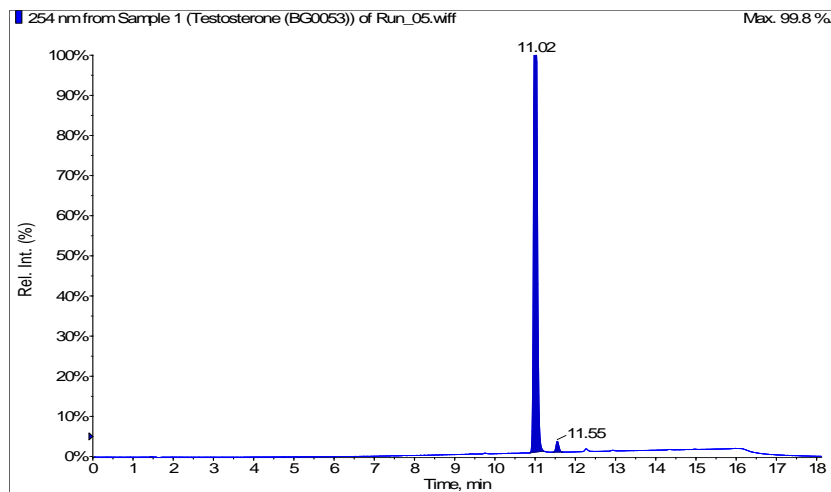
NB-48-0897 Testosterone

Analytical data

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Specific rotation: +103° (complies)
Loss on drying: 0.25% (complies)
Residue on ignition: 0.1% (complies)
HPLC Assay: 99.3% (complies).



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